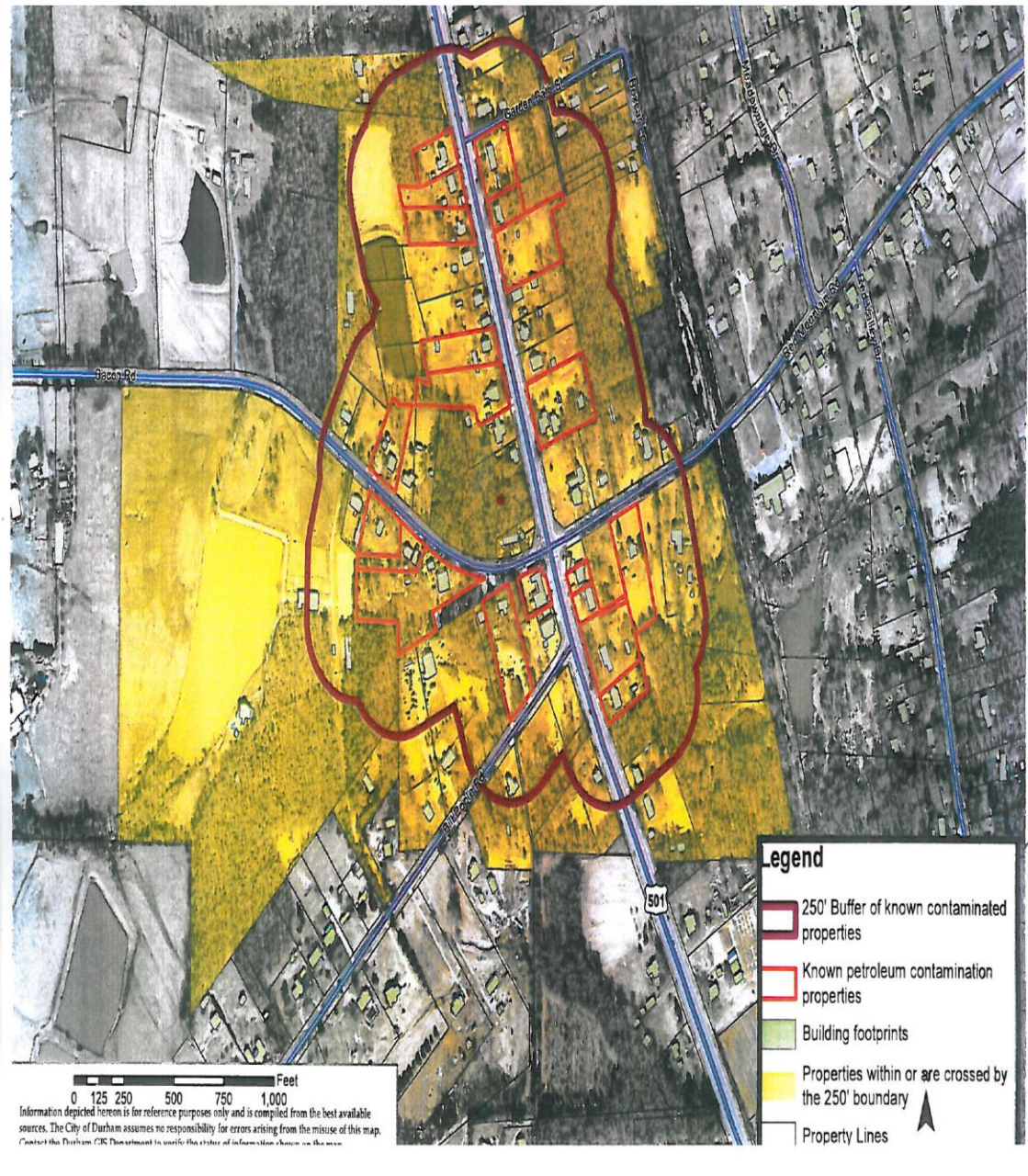


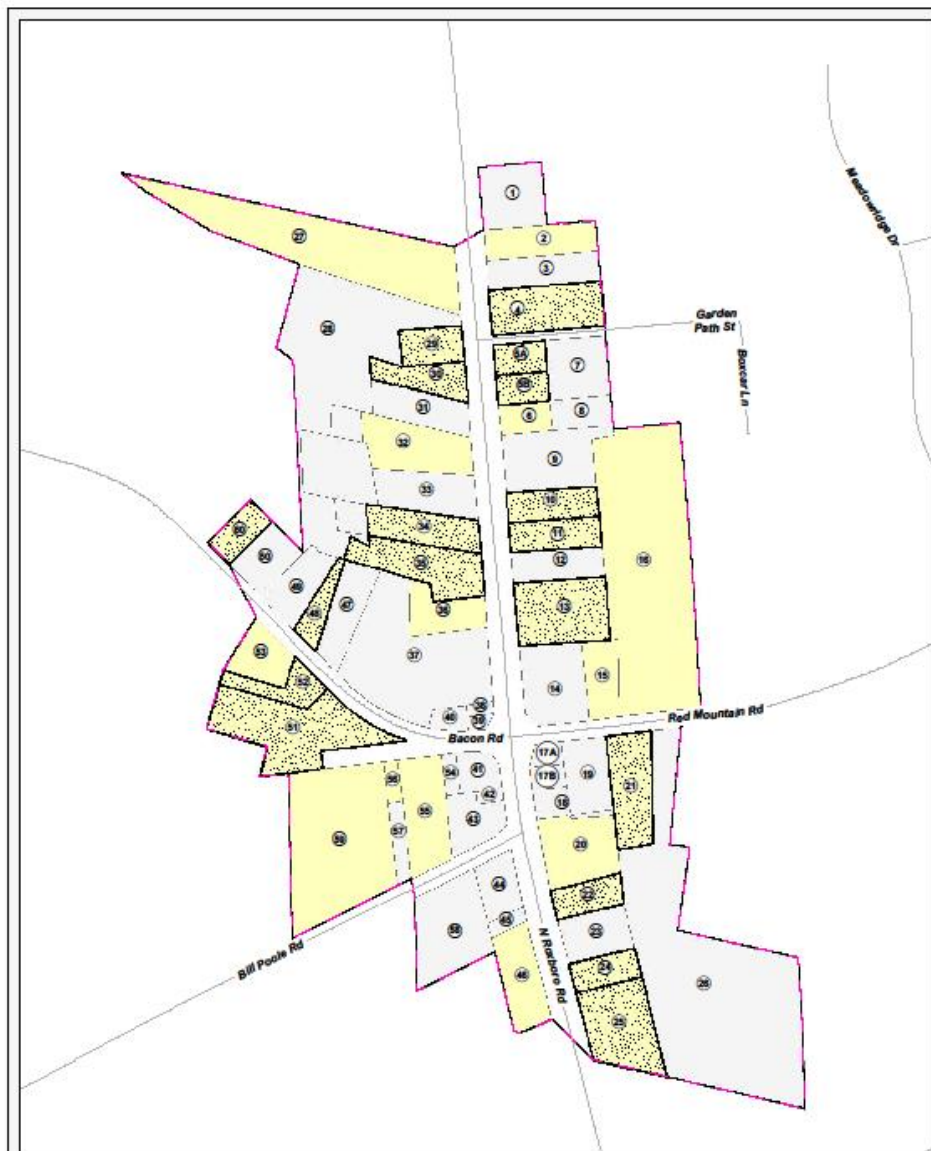
Rougemont Water System



Rougemont Water System - Background

- Rougemont residents relied on private wells
- Groundwater became contaminated by leaking underground fuel tanks (mainly gas stations), creating pollution plumes in the groundwater
- Unsafe drinking water persisted for 20+ years
- Temporary fixes (bottled water/filters) were not sustainable
- Durham County built a public water system (2016) to provide safe, permanent supply of water
 - Funded from federal and state partners





FY12 CDBG - Urgent Needs
Rougemont Waterline
LMI 54.8%
Rougemont, NC
October 2012

- Legend**
- Qualifying Parcel with Qualifying Occupant
 - Qualifying Parcel
 - Non Qualifying
 - Project Boundary
 - Streets
 - Other Parcels





Rougemont Water System - Importance

- Provides safe, clean drinking water
- Protects public health
- Eliminates reliance on temporary solutions
- Supports community stability and future growth in the area of contamination

Rougemont Water System - Currently

- The system is fully operational, delivering safe drinking water to the Rougemont Community.
- Currently, 33 customer accounts
 - 25 residential
 - 5 commercial (gas stations, Dollar General)
 - 3 institutional (churches, Ruritan Club)
- Delivered 1,051,653 gallons of clean water in CY2025
 - Monthly average of 87,638 gallons
 - Daily average of 2,881 gallons



Rougemont Water System - LWSP

- Local Water Supply Plan (LWSP) is a required plan by NCDEQ and required to be updated at least every 5 years or as they request which in recent years has been annually.
- The purpose of the plan is to guide long-term water supply planning (20-50 years) to ensure current and future demands of water and manage drought, growth, and infrastructure needs.
- The plan contains current and projected water demand, available water sources, system capacity, drought response, conservation measures, and future improvement or expansion plans.



Rougemont Water System – Future Improvements

- FY2027 Budget Request – replace half of the water meters
- Reason for Request
 - Improve accuracy of water usage measurement
 - Reduce water loss and billing errors
 - Provides better data for planning and system management (Ex. LWSP)
 - Replacement every 10-12 years is best practice based on meter operations data from national sources such as USEPA and AWWA



Rougemont Water System

Questions
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